BIHAR STATE POWER TRANSMISSION COMPANY LTD

132/33 kv GSS BENIPUR

APPRENTICESHIP TRANING REPORT

PRESENTED BY-

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ABRDA4646359

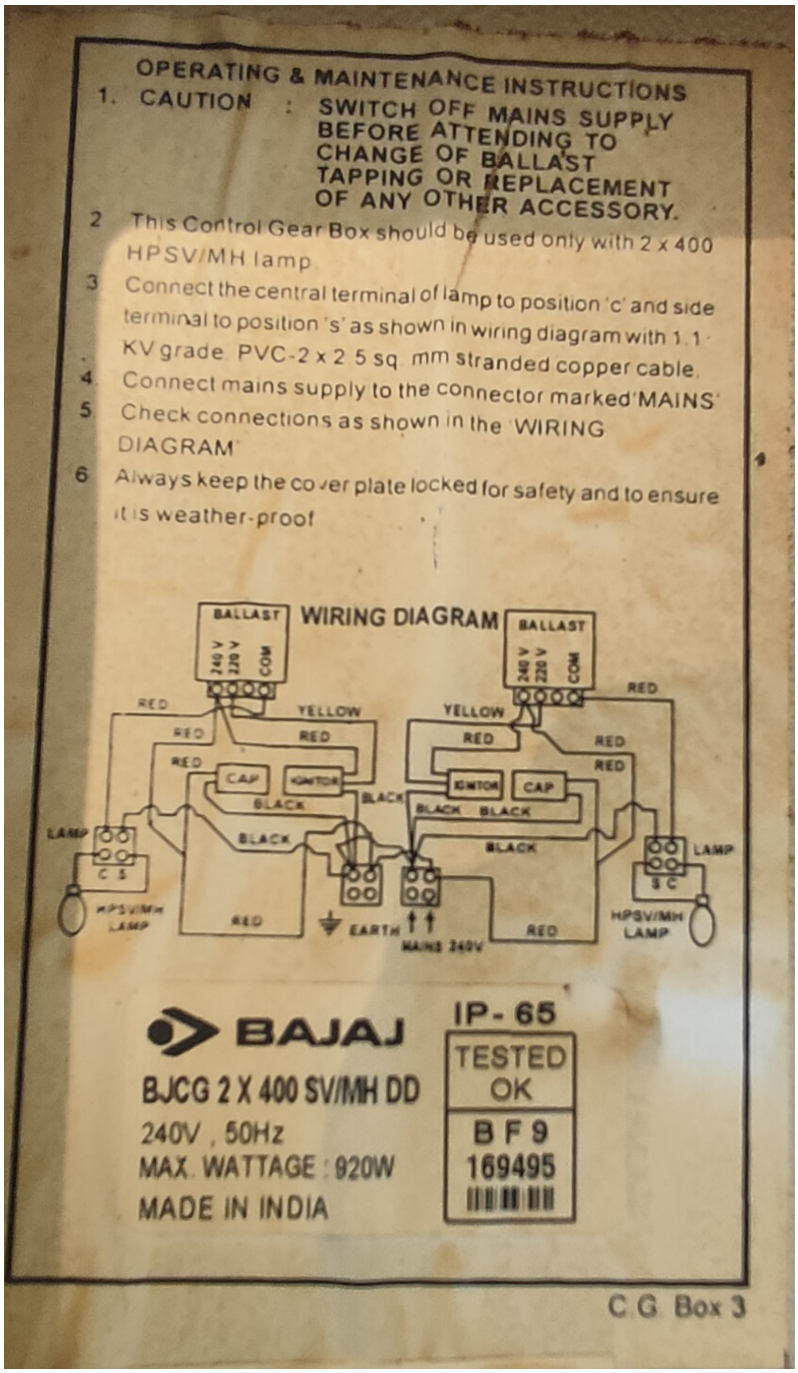
LM-TOWER

FOR PROTECTION OF GSS BENIPUR FROM THUNDERING LIGHTS WE USE

LM TOWER
Lm tower is used for protection of greed from the thundering also for providing lightning into the gss,we use LED LIGHT , SODIUM LIGHT

Top of the tower lightning arrester available that is going through the wire into the graound
There are 04 LM TOWER available in gss benipur
The each tower hight is 30 fitt

Block Diagram of SODIUM LIGHT 400w



OPERATING & MAINTENANCE INSTRUCTIONS

1. CAUTION : SWITCH OFF MAINS SUPPLY BEFORE ATTENDING TO CHANGE OF BALLAST TAPPING OR REPLACEMENT OF ANY OTHER ACCESSORY.
2. This Control Gear Box should be used only with 2 x 400 HPSV/MH lamp.
3. Connect the central terminal of lamp to position 'c' and side terminal to position 's' as shown in wiring diagram with 1.1 KV grade PVC-2 x 2.5 sq. mm stranded copper cable.
4. Connect mains supply to the connector marked 'MAINS'
5. Check connections as shown in the 'WIRING DIAGRAM'
6. Always keep the cover plate locked for safety and to ensure it is weather-proof

WIRING DIAGRAM

BAJAJ

BJCG 2 X 400 SV/MH DD

240V , 50Hz

MAX. WATTAGE : 920W

MADE IN INDIA

IP- 65

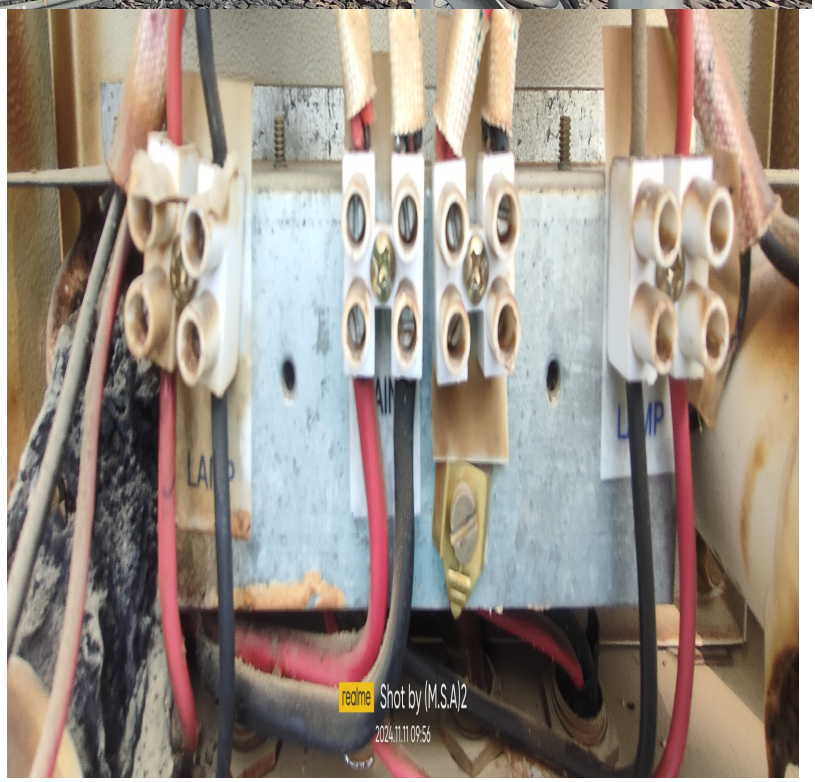
TESTED OK

B F 9

169495

C.G. Box 3

Repairing and maintenance of lightning equipments



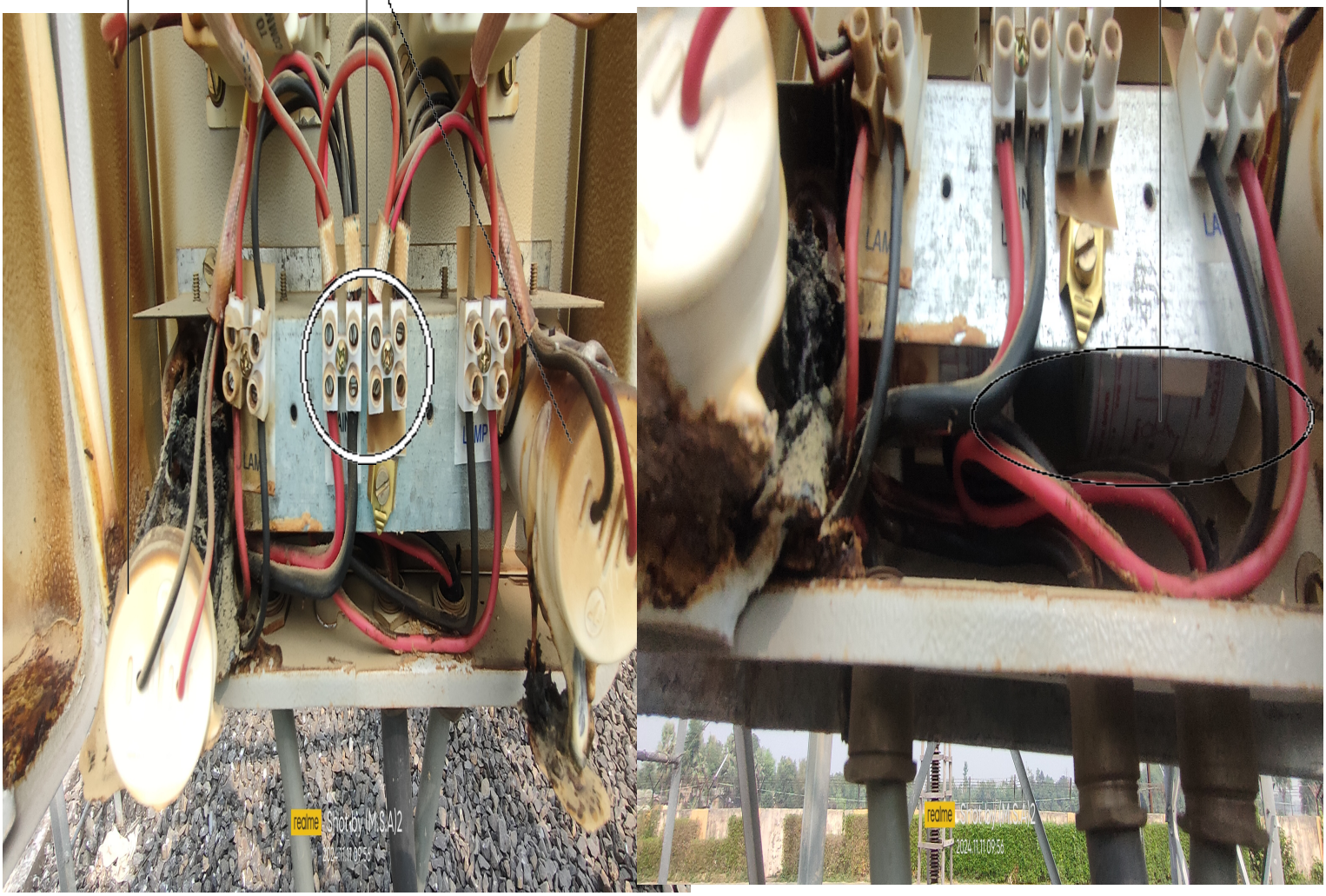
Choke

220/240 volts
400 watt
4.45 AMP

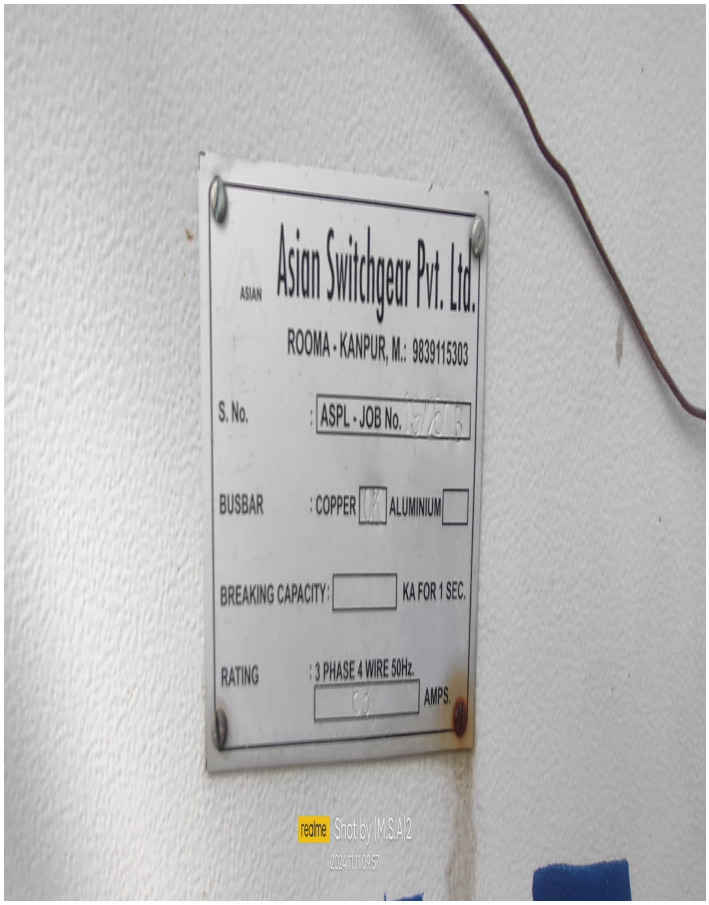
capacitor

Main Light 250v

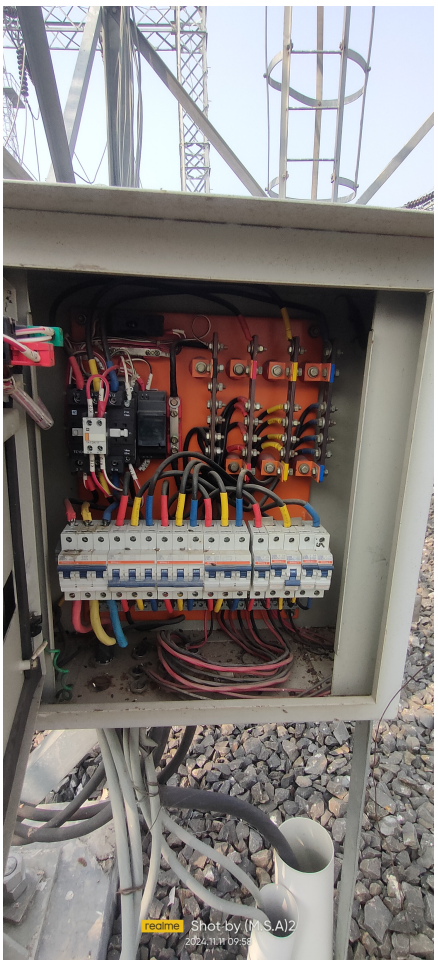
Ignitor



Out Side View Of Control Panel



Inside View Of Control Panel



Thank You